

Chase Martin

GitHub | LinkedIn | AngelList | Portfolio
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Projects

RoomAid | **React Native** • **JavaScript** • **GraphQL** • **Relay** • **Rails** • **PostgreSQL** | **GitHub**

A roommate status and communication app for iPhone and Android

- MVP includes roommate status, chatroom, bill breakdown, calendar and authentication
- Collaborative project with task branching and joint decisions on software stack and frameworks
- Stores session token in AsyncStorage to authenticate user upon logging in or loading app

Fbclone | **Rails** • **JavaScript** • **React** • **Redux** • **PostgreSQL** • **WebSockets** | **Live** | **GitHub**

Social networking platform inspired by Facebook

- Implements SPA architecture with React/Redux frontend and Ajax requests to a JSON API
- Features user authentication with BCrypt ruby gem to store salted and hashed passwords
- Minimizes ActiveRecord queries by fetching all user related data at login with single query
- Live chat feature uses bi-directional functionality via WebSockets with help of Pusher

Advanced Battleship | **JavaScript** • **WebGL** • **WebAudio** • **BabylonJS** • **HTML5** | **Live** | **GitHub**

WebGL implementation of Battleship: Advanced Mission

- Utilizes a 3D interface with fluid animations to provide immersive and realistic gameplay
- Integrates with Web Audio API to supply sound effects for missile launches and explosions
- Provides smart AI for computer player which emulates intuitive human player reactions

Skills

C • **C++** • **Node** • **JavaScript** • **Ruby** • **Python** • **HTML5** • **CSS3** • **SQL** • **WebGL** • **WebSockets**
React • **React Native** • **GraphQL** • **Relay** • **Redux** • **Angular** • **Ruby on Rails** • **Django** • **PostgreSQL**
AWS • **jQuery** • **BabylonJS** • **TDD** • **RSpec** • **Jest** • **Capybara** • **Jasmine** • **Selenium WebDriver**

Education

Web Development | **App Academy** | **New York** | **Fall 2016**

- Graduated from an immersive full-stack web development bootcamp with less than 3% acceptance rate and rigorous weekly assessments to ensure retention of advanced concepts such as ADTs, algorithm time/space complexity, and meta programming

Computer Science | **Santa Monica College** | **Los Angeles** | **Spring 2012 - Fall 2014**

- Courses in data structures, computer architecture, linear algebra, C++ and OOP
- Left in good academic standing to pursue software engineering in a more direct path such as through personal projects and bootcamp enrollment

Professional Experience

Coding Instructor | **App Academy** | **New York** | **Jan 2017 - Present**

- Provide coding lectures, code reviews, pairing practice and answers to technical questions for students learning Ruby in preparation for bootcamp admission at App Academy

General Manager | **M Café de Chaya** | **Los Angeles** | **Oct 2013 - Jan 2016**

- Lowered operating costs by analyzing P&L reports, accounting, vendor contracts, MICROS POS configuration and delivery systems with various custom built tracking systems